



Waterton-Glacier International Peace Park

Waterton-Glacier Science & History Day

Bayshore Inn Convention Centre, Waterton Lakes National Park

August 10, 2010

8:30 a.m. Opening Remarks – Dennis Madsen, Resource Conservation Manager,
Waterton Lakes National Park

Welcome – Dave McDonough, Superintendent, Waterton Lakes National Park

8:45 to 10:15 a.m. Session 1. Entomology and Aquatic Resources

Moderator – Janice Smith, Waterton Lakes National Park

8:45 - 9:15 a.m. *Ecological Correlates of Mercury Contamination in Pristine Aquatic Ecosystems*, Lars Brinkmann, PhD Candidate, University of Lethbridge

9:15 - 9:45 a.m. *Using Tunnels to Protect a Declining Population of Long-toed Salamanders in Waterton Lakes National Park*, Barb Johnston, Waterton Lakes National Park for Katie Pagnucco, University of Alberta

9:45 - 10:15 a.m. *Butterflies of Montana—Distribution and Larval Food Plant Studies*
Steve Kohler, Entomologist (retired), Montana Department of Natural Resources and Conservation

10:15 - 10:30 a.m. Break

10:30 a.m. to Noon Session 2: History

Moderator – Melissa Sladek, Glacier National Park

10:30 to 11:00 a.m. *Search and Rescue in Waterton-Glacier International Peace Park: Then and Now*, Gary Moses, Lake McDonald District Ranger, Glacier National Park

11:00 - 11:30 a.m. *Discovering the Jewels in the Crown: Early Botanists in Glacier National Park*, Peter Lesica, Senior Scientist for Conservation Biology Research, University of Montana

11:30 - 12:00 noon *A Glacier Scrapbook: People, Places, and Memories*
Deirdre Shaw, Museum Curator, Glacier National Park

For more information contact the Crown of the Continent Research Learning Center at:
<http://www.nps.gov/glac/naturescience/ccrlc.htm> Phone: 406-888-5827
Or Waterton Lakes National Park, Janice Smith at 403-859-5127



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12:00 to 1:15 p.m. Lunch Break

1:15 p.m. to 2:45 p.m. Session 3: Social Science and Vegetation

Moderator – Joyce Lapp, Glacier National Park

1:15 - 1:45 p.m. *The Regional Integration of Waterton Lakes National Park: Results from a PhD Research Project*

Julia McCuaig, Post-doctoral Research Fellow, University of Calgary

1:45 - 2:15 p.m. *Constructing Conservation Education in Canada's National Mountain Parks*, Karen Petkau, Master's Candidate, York University

2:15 - 2:45 p.m. *Subalpine Meadows in a Changing Landscape*

Adrienne Shaw, Ecologist, Adrienne K. Shaw Consulting

2:45 to 3:00 p.m. Break

3:00 to 4:30 p.m. Session 4. Wildlife

Moderator – Justin McKeown, Waterton Lakes National Park

3:00 - 3:30 p.m. *Population Estimates of Mountain Goats Using Citizen Science*

Jami Belt, Citizen Science Program Coordinator, Glacier National Park

3:30 - 4:00 p.m. *Effects of Humans at Multiple Trophic Levels of the Southwest Alberta Montane Ecosystem*

Tyler Muhly, PhD Candidate, University of Calgary

4:00 - 4:30 p.m. *"EEP!": The Status of American Pikas in Glacier National Park*

Lucas Moyer-Horner, PhD Candidate, University of Wisconsin-Madison

4:30 p.m. **Closing Remarks & Adjourn** – Jack Potter, Chief of Science & Resources Management, Glacier National Park